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F. K. W. DUST.

DEC - 8 1981



POZZOLANIC

STATE OF WASHINGTON

DEPARTMENT OF LABOR AND INDUSTRIES

Division of Industrial Safety and Health • 814 E. 4th • Olympia, Washington 98504

December 7, 1981

Tom Fox  
Manager of Technical Services  
Pozzolan NW, Inc.  
2448 76th SE Suite 222  
Mercer Island, WA 98040

Subject: Fly Ash Analysis

Dear Mr. Fox:

Please find enclosed our recent lab reports of the analysis of the fly ash from PP & L's steam plant in Centralia. Due to the type of coal available in this area, we were basically concerned with certain heavy metals and the amount of free silica that might carry over into the fly ash after the combustion process.

As you can see from the reports, IR & AA analysis indicate no detectable amount of free silica or heavy metals present in the fly ash, therefore the material is considered inert and would be treated as a nuisance dust.

If you have any questions on this analysis, please feel free to call me at 753-4473.

Very truly yours,

*Keith W. Benham*

KEITH W. BENHAM  
INDUSTRIAL HYGIENE  
TECHNICAL ADVISOR

KWB:kaw

enclosure

USEPA SF



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AGC2E000066

Date Collected 7-8-81 Ind. Hyg. K. Williams Insp. Type \_\_\_\_\_

Page 1 of 1 S & H No. 245449

Company Pozzolantic Address Centralia

Description of Samples:

1 bulk of silica and heavy metals\*

Method of Analysis:

IR

Analysis

Sample No.	Operation	Liters				
		Air Volume				
			<u>Silica</u>			
<u>B-1</u>			<u>IR shows no detectable silica present.</u>			

NOTES:

\* Report on heavy metals to follow in separate rep.

Date Rec. 7-8-81 Chemist D. Rollins

Date Reported 7-10-81 Checked by [Signature] Book \_\_\_\_\_

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SAFETY DIVISION  
JUL 20 1981  
U.S. DEPT. OF LABOR  
INDUSTRIAL HYGIENE DIVISION



Date Collected 7/8/81 Ind. Hyg. K. Benson Insp. Type

Page 1 of 1 S & H No. 245449

Company Pozzolanite Address Centralia

Description of Samples:

1 bulk for Pb, Cd

Method of Analysis:

AA

Analysis

Sample No.	Operation	Liters	Metals		
		Air Volume			
B-1	Fly Ash		No detectable amount of Pb, Cd present in the sample		

NOTES:

Date Rec. 7/8/81 Chemist L. B. Villareal  
 Date Reported 7/16/81 Checked by [Signature] Book AA

JUL 20 1981

